

Form PTO-1449 (modified)		Atty. Docket No. VOSS:008US	Serial No. 10/538,985
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Moritz Bünemann <i>et al.</i>	
		Filing Date: August 18, 2006	Group: 1645
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1-3</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	2002/0048811	04/25/02	Devreotes <i>et al.</i>	435	325	01/19/01
	A2	6,197,534	03/06/01	Lakowicz <i>et al.</i>	435	14	07/15/99
	A3	6,277,627	08/21/01	Hellinga	435	287.1	12/31/98

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Language
	B1	WO 00/34318	06/15/00	WIPO	English
	B2	WO 98/40477	09/17/98	WIPO	English
	B3	WO 99/66324	12/23/99	WIPO	English

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Altenbach <i>et al.</i> , "Structure and function in rhodopsin: mapping light-dependent changes in distance between residue 316 in helix 8 and residues in the sequence 60-75, covering the cytoplasmic end of helices TM1 and TM2 and their connection loop CL1," <i>Biochemistry</i> , 40:15493-15500, 2001.
	C2	Angers <i>et al.</i> , "Detection of beta 2-adrenergic receptor dimerization in living cells using bioluminescence resonance energy transfer (BRET)," <i>Proc. Natl. Acad. Sci. USA</i> , 97:3684-3689, 2000.
	C3	Angers <i>et al.</i> , "Dimerization: an emerging concept for G protein-coupled receptor ontogeny and function," <i>Annu. Rev. Pharmacol. Toxicol.</i> , 42:409-435, 2002.
	C4	Baird <i>et al.</i> , "Circular permutation and receptor insertion within green fluorescent proteins," <i>Proc. Natl. Acad. Sci. USA</i> , 96:11241-11246, 1999.
	C5	Babcock <i>et al.</i> , "Ligand-independent dimerization of CXCR4, a principal HIV-1 coreceptor," <i>J. Biol. Chem.</i> , 278:3378-3385, 2003.
	C6	Bourne and Meng, "Structure: Rhodopsin Sees the Light," <i>Science</i> , 289:733-734, 2000.

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Exam. Init.	Ref. Des.	Citation
	C7	Bunemann <i>et al.</i> , "Activation and deactivation kinetics of alpha 2A- and alpha 2C-adrenergic receptor-activated G protein-activated inwardly rectifying K ⁺ channel currents," <i>J. Biol. Chem.</i> , 276:47512-47517, 2001.
	C8	Chang and Weiss, "Site-specific fluorescence reveals distinct structural changes with GABA receptor activation and antagonism," <i>Nature Neurosci.</i> , 5:1163-1168, 2002.
	C9	Gaietta <i>et al.</i> , "Multicolor and Electron Microscopic Imaging of Connexin Trafficking," <i>Science</i> , 296:503-507, 2002.
	C10	Gardella and Juppner, "Molecular properties of the PTH/PTHrP receptor," <i>Trends Endocrinol. Metabolism</i> , 12:210-217, 2001.
	C11	GenBank accession No. M97370.
	C12	GenBank accession No. M99377.
	C13	GenBank accession no. NM_011199.
	C14	GenBank accession No. U22401.
	C15	GenBank accession no.: NM_000681
	C16	Gether, "Uncovering molecular mechanisms involved in activation of G protein-coupled receptors," <i>Endocr. Rev.</i> , 21:90-113, 2000.
	C17	Gether <i>et al.</i> , "Fluorescent labeling of purified beta 2 adrenergic receptor. Evidence for ligand-specific conformational changes," <i>J. Biol. Chem.</i> , 270:28268-28275, 1995.
	C18	Ghanouni <i>et al.</i> , "Functionally different agonists induce distinct conformations in the G protein coupling domain of the beta 2 adrenergic receptor," <i>J. Biol. Chem.</i> , 276:24433-24436, 2001.
	C19	Ghanouni <i>et al.</i> , "Agonist-induced conformational changes in the G-protein-coupling domain of the beta 2 adrenergic receptor," <i>Proc. Natl. Acad. Sci. USA</i> , 98:5997-6002, 2001.
	C20	Griesbeck <i>et al.</i> , "Reducing the environmental sensitivity of yellow fluorescent protein. Mechanism and applications," <i>J. Biol. Chem.</i> , 276:29188-29194, 2001.
	C21	Griffin <i>et al.</i> , "Specific Covalent Labeling of Recombinant Protein Molecules Inside Live Cells," <i>Science</i> , 281:269-272, 1998.

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Exam. Init.	Ref. Des.	Citation
	C22	Heikal <i>et al.</i> , "Molecular spectroscopy and dynamics of intrinsically fluorescent proteins: coral red (dsRed) and yellow (Citrine)," <i>Proc. Natl. Acad. Sci. USA</i> , 97:11996-12001, 2000.
	C23	Heim, "Green fluorescent protein forms for energy transfer," <i>Methods Enzymol.</i> , 302:408-423, 1999.
	C24	Honda <i>et al.</i> , "Spatiotemporal dynamics of guanosine 3',5'-cyclic monophosphate revealed by a genetically encoded, fluorescent indicator," <i>Proc. Natl. Acad. Sci. USA</i> , 98:2437-2442, 2001.
	C25	Huang <i>et al.</i> , "The N-terminal region of the third intracellular loop of the parathyroid hormone (PTH)/PTH-related peptide receptor is critical for coupling to cAMP and inositol phosphate/Ca ²⁺ signal transduction pathways," <i>J. Biol. Chem.</i> , 271:33382-33389, 1996.
	C26	Illes <i>et al.</i> , "Signaling by extracellular nucleotides and nucleosides," <i>Naunyn-Schmiedeberg's Arch. Pharmacol.</i> , 362:295-298, 2000.
	C27	Jensen <i>et al.</i> , "Agonist-induced conformational changes at the cytoplasmic side of transmembrane segment 6 in the beta 2 adrenergic receptor mapped by site-selective fluorescent labeling," <i>J. Biol. Chem.</i> , 276:9279-9290, 2001.
	C28	Karatani <i>et al.</i> , "Properties of the bimodal fluorescent protein produced by <i>Photobacterium phosphoreum</i> ," <i>Photochem. Photobiol.</i> , 71:230-236, 2000.
	C29	Kobilka and Gether, "Use of fluorescence spectroscopy to study conformational changes in the beta 2-adrenoceptor," <i>Methods Enzymol.</i> , 343:170-182, 2002.
	C30	Lim and Neubig, "Selective inactivation of guanine-nucleotide-binding regulatory protein (G-protein) alpha and betagamma subunits by urea," <i>Biochem. J.</i> , 354:337-344, 2001.
	C31	Loshe <i>et al.</i> , "Direct optical recording of intrinsic efficacy at a G protein-coupled receptor," <i>Life Sciences</i> , 74: 397-404, 2003.
	C32	Mercier <i>et al.</i> , "Quantitative assessment of beta 1- and beta 2-adrenergic receptor homo- and heterodimerization by bioluminescence resonance energy transfer," <i>J. Biol. Chem.</i> , 277:44925-44931, 2002.
	C33	Milligan, "Strategies to identify ligands for orphan G-protein-coupled receptors," <i>Biochemical Society Transactions</i> , 30:789-793, 2002.
	C34	Okada <i>et al.</i> , "Activation of rhodopsin: new insights from structural and biochemical studies," <i>Trends Biochem. Sci.</i> , 26:318-324, 2001.

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	C35	Pierce <i>et al.</i> , "Seven-transmembrane receptors," <i>Nat. Rev. Mol. Cell Biol.</i> , 3:639-650, 2002.
	C36	Prasher <i>et al.</i> , "Primary structure of the <i>Aequorea victoria</i> green-fluorescent protein," <i>Gene</i> , 111:229-233, 1992.
	C37	Rios <i>et al.</i> , "G-protein-coupled receptor dimerization: modulation of receptor function," <i>Pharmacol. Ther.</i> , 92:71-87, 2001.
	C38	Sheikh <i>et al.</i> , "Similar structures and shared switch mechanisms of the beta2-adrenoceptor and the parathyroid hormone receptor. Zn(II) bridges between helices III and VI block activation," <i>J. Biol. Chem.</i> , 274: 17033-17041, 1999.
	C39	Teller <i>et al.</i> , "Advances in Determination of a High-Resolution Three-Dimensional Structure of Rhodopsin, A Model of G-Protein-Coupled Receptors(GPCRs)," <i>Biochemistry</i> , 40:7768-7772, 2001.
	C40	Strange, "Mechanisms of inverse agonism at G-protein-coupled receptors," <i>Trends Pharmacol Sci.</i> , 23:89-95, 2002.
	C41	Tsien, "The green fluorescent protein," <i>Ann. Rev. Biochem.</i> , 67:509-544, 1998.
	C42	Vilardaga <i>et al.</i> , "Measurement of the millisecond activation switch of G protein-coupled receptors in living cells," <i>Nature Biotechnology</i> , 21:807-812, 2003.

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/Michael Pak/

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